

## PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING

PCT

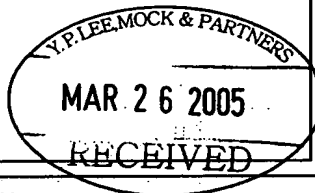
NOTIFICATION OF TRANSMITTAL OF  
INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT

( PCT Rule 71.1 )

To:

LEE, Young-Pil

The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu,  
Seoul 137-874, Republic of Korea



Date of mailing  
(day/month/year) 18 MARCH 2005 (18.03.2005)

Applicant's or agent's file reference  
SH-18952-PCT

## IMPORTANT NOTIFICATION

International application No.

PCT/KR2003/002192

International filing date (day/month/year)

20 OCTOBER 2003 (20.10.2003)

Priority date (day/months/year)

23 OCTOBER 2002 (23.10.2002)

Applicant

SAMSUNG ELECTRONICS CO., LTD. et al

1. The applicant is hereby notified that International Preliminary Examining Authority transmits here with the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected office by performing certain acts (filing translations and paying national fees) within 30 month(s) from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details in the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/KR



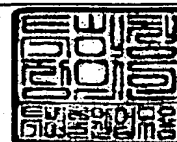
Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

COMMISSIONER

Telephone No. 82-42-481-5131



# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

LEE, Young-Pil

The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu,  
Seoul 137-874, Republic of Korea



## PCT

### NOTIFICATION OF RECEIPT OF DEMAND BY COMPETENT INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

(PCT Rule 59.3(e) and 61.1(b), first sentence  
and Administrative Instructions, Section 601(a))

Date of mailing  
(day/month/year) 14 MAY 2004 (14.05.2004)

Applicant's or agent's file reference

SH-18952-PCT

#### IMPORTANT NOTIFICATION

International application No.

**PCT/KR2003/002192**

International filing date (day/month/year)

**20 OCTOBER 2003 (20.10.2003)**

Priority date (day/month/year)

**23 OCTOBER 2002 (23.10.2002)**

Applicant

**SAMSUNG ELECTRONICS CO., LTD. et al**

1. The applicant is hereby **notified** that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:

07 MAY 2004 (07.05.2004)

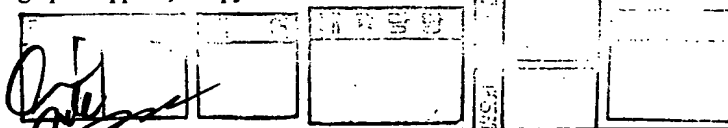
2. This date of receipt is :

- ☒ the actual date of receipt of the demand by this Authority (Rule 61.1(b)).
- ☐ the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).
- ☐ the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.

3. ☐ **ATTENTION:** That date of receipt is after the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). However, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

- ☐ (If applicable) This notification confirms the information given by telephone, facsimile transmission or in person on:

4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.



Name and mailing address of the IPEA/KR



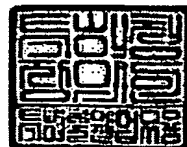
Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

COMMISSIONER

Telephone No. 82-42-481-5207



PCT

From the INTERNATIONAL BUREAU

**NOTIFICATION OF THE RECORDING  
OF A CHANGE**

(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

To:

LEE, Young-Pil  
The Cheonghwa Building, 1571-18  
Seocho-dong, Seocho-gu  
137-874 Seoul  
Republic of Korea

Y.P. LEE, MOCK & PARTNERS  
**FEB 20 2004**  
RECEIVED

<b>Date of mailing (day/month/year)</b> 29 January 2004 (29.01.2004)	
<b>Applicant's or agent's file reference</b> SH-18952-PCT	<b>IMPORTANT NOTIFICATION</b>
<b>International application No.</b> PCT/KR2003/002192	<b>International filing date (day/month/year)</b> 20 October 2003 (20.10.2003)

<b>1. The following indications appeared on record concerning:</b> <input checked="" type="checkbox"/> the applicant <input type="checkbox"/> the inventor <input type="checkbox"/> the agent <input type="checkbox"/> the common representative		
<b>Name and Address</b> SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon-city 442-373 Kyungki-do Republic of Korea	<b>State of Nationality</b> KR	<b>State of Residence</b> KR
<b>Telephone No.</b> 82-31-200-3698		
<b>Facsimile No.</b> 82-31-200-3272		
<b>Teleprinter No.</b>		
<b>2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:</b> <input type="checkbox"/> the person <input type="checkbox"/> the name <input checked="" type="checkbox"/> the address <input type="checkbox"/> the nationality <input type="checkbox"/> the residence		
<b>Name and Address</b> SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea	<b>State of Nationality</b> KR	<b>State of Residence</b> KR
<b>Telephone No.</b> 82-31-279-5071		
<b>Facsimile No.</b> 82-31-279-6974		
<b>Teleprinter No.</b>		
<b>3. Further observations, if necessary:</b>		
<b>4. A copy of this notification has been sent to:</b> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> the receiving Office  <input checked="" type="checkbox"/> the International Searching Authority  <input type="checkbox"/> the International Preliminary Examining Authority                         </div> <div> <input type="checkbox"/> the designated Offices concerned  <input type="checkbox"/> the elected Offices concerned  <input type="checkbox"/> other:                         </div> </div>		

<b>The International Bureau of WIPO</b> 34, chemin des Colombettes 1211 Geneva 20, Switzerland  <b>Facsimile No. (41-22) 338-70-90</b>	<b>Authorized officer</b>  Christina PARIANOU  <b>Telephone No. (41-22) 338 9999</b>
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## PATENT COOPERATION TREATY

PCT

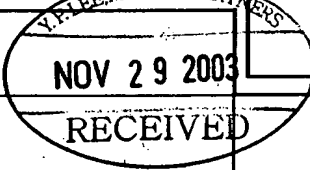
From the INTERNATIONAL BUREAU

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

LEE, Young-Pil  
The Cheonghwa Building, 1571-18  
Seocho-dong, Seocho-gu  
137-874 Seoul  
Republic of Korea

Date of mailing (day/month/year) 12 November 2003 (12.11.03)		<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference SH-18952-PCT		
International application No. PCT/KR03/02192	International filing date (day/month/year) 20 October 2003 (20.10.03)	
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 23 October 2002 (23.10.02)	
Applicant SAMSUNG ELECTRONICS CO., LTD. et al		

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
23 Octo 2002 (23.10.02)	2002-308679	JP	04-Nove 2003 (04.11.03)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Carlos NARANJO

Facsimile No. (41-22) 338-70-90

Telephone No. (41-22) 338 8349

# PATENT COOPERATION TREATY

PCT/KR03/02192

PCT

From the INTERNATIONAL BUREAU

## NOTIFICATION OF RECEIPT OF RECORD COPY

(PCT Rule 24.2(a))

To:

LEE, Young-Pil  
The Cheonghwa Building, 1571-18  
Seocho-dong, Seocho-gu  
137-874 Seoul  
Republic of Korea

Date of mailing (day/month/year) 12 November 2003 (12.11.03)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference SH-18952-PCT	International application No. PCT/KR03/02192

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

SAMSUNG ELECTRONICS CO., LTD. et al (for all designated States except US)

KIM, Joo-Ho et al (for US)

International filing date : 20 October 2003 (20.10.03)  
Priority date(s) claimed : 23 October 2002 (23.10.02)  
Date of receipt of the record copy  
by the International Bureau : 04 November 2003 (04.11.03)  
List of designated Offices :

AP : GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW  
EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
EP : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR  
OA : BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG  
National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ,  
EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

### ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase - see updated important information (as of April 2002)  
☒ confirmation of precautionary designations (if applicable)  
☐ requirements regarding priority documents (if applicable)

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 338-70-90	Authorized officer: Carlos NARANJO Telephone No. (41-22) 338 8349
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# PATENT COOPERATION TREATY

## PCT

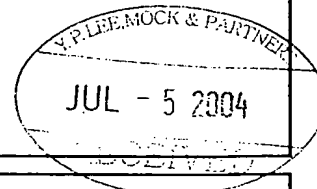
### INFORMATION CONCERNING ELECTED OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

From the INTERNATIONAL BUREAU

To:

LEE, Young-Pil  
The Cheonghwa Building, 1571-18  
Seocho-dong, Seocho-gu  
137-874 Seoul  
Republic of Korea



Date of mailing (day/month/year) 15 June 2004 (15.06.2004)		
Applicant's or agent's file reference SH-18952-PCT		IMPORTANT INFORMATION
International application No. PCT/KR2003/002192	International filing date (day/month/year) 20 October 2003 (20.10.2003)	
Priority date (day/month/year) 23 October 2002 (23.10.2002)		
Applicant SAMSUNG ELECTRONICS CO., LTD. et al		

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,  
SI, SK, TR  
National : BG, CA, CN, DE, GB, IL, KP, KR, MN, NO, PL, RO, RU, SK, US

2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

AP : GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW  
EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
OA : BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG  
National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BR, BY, BZ, CH, CO, CR, CU, CZ, DK, DM, DZ, EC,  
EE, EG, ES, FI, GD, GE, GH, GM, HR, HU, ID, IN, IS, KE, KG, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MW, MX, MZ, NI, NZ, OM, PG, PH, PT, SC, SD, SE, SG, SL, SY, TJ, TM, TN, TR, TT, TZ,  
UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 338.70.90</p>	<p>Authorized officer: SNELL Matthew</p> <p>Telephone No. (41-22) 338 7117</p>
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